Index of Claims

| Application | ı No. |
|-------------|-------|
|-------------|-------|

09/852,432

Examiner

Applicant(s)

COHEN ET AL.

Art Unit

Thuan N. Du

2116

Rejected Allowed

| (Through numeral)<br>Cancelled |
|--------------------------------|
|                                |

Restricted

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                 |          | <del></del> |          |           |          |  |              |  |            |          |            |  |          |   |          |          |          |          |          |          |          |                 |     |          |            |          |   |              |  |                |                    |                   |          |
|-----------------|----------|-------------|----------|-----------|----------|--|--------------|--|------------|----------|------------|--|----------|---|----------|----------|----------|----------|----------|----------|----------|-----------------|-----|----------|------------|----------|---|--------------|--|----------------|--------------------|-------------------|----------|
| Cla             | aim      | Date        |          |           |          |  |              |  | Claim Date |          |            |  |          |   |          |          |          | 1        | Cli      | aim      | Date     |                 |     |          |            |          |   |              |  |                |                    |                   |          |
|                 |          | <b>.</b>    |          |           | Γ        | T  | Ī            | Τ  | Γ          | Γ        | 1          |  |          | T   | П        | Γ        |          |          |          |          |          | Г               | ĺ   |          |            | Т        | T   | Т            | T  | Ť              |                    | П                 | $\Box$   |
| Final           | Original | 12/22/04    | 6/29/05  | 12/8/05   | l        | 1  | 1            |  |            |          | l          | <u> </u>                               | Original |   |          |          |          |          |          |          |          |                 |     | ल        | Original   | - 1      | ĺ   | 1            | 1  |                |                    |                   |          |
| i=              | Ę        | 122         | 123      | 8         | 1        | İ  | 1            |  |            |          | l          | Final                                  | Ę        |   |          |          |          |          |          |          |          |                 |     | Final    | rig        |          |   |              |  |                |                    |                   |          |
|                 | ٥        | _           | L        | -         | l        |  |              |  |            |          |            |  | 0        |   | ı        |          |          |          |          |          |          |                 |     | ·        | .0         |          |   |              |  |                | 1                  |                   |          |
|                 | 1        | 1           | 7        | 1         |          |  |              |  |            |          | ]          |  | 51       |   |          |          |          |          |          |          |          |                 | l   |          | 101        | 一        | $\top$  | $\top$       | 1  |                | $\Box$             | П                 |          |
|                 | 2        | 1           | 1        | 7         |          |  |              |  |            |          | ]          |  | 52       |   |          |          |          |          |          |          |          |                 | ]   |          | 102        |          | T   | 1            |  |                |                    |                   |          |
|                 | 3        | 1           | V        | 1         |          |  |              |  | L          |          |            |  | 53       |   |          |          |          |          |          |          |          |                 | ]   |          | 103        |          |   |              | Π  |                |                    |                   |          |
|                 | 4        | 1           | .√       | 1         |          |  |              |  | L          |          | ]          |  | 54       |   |          |          |          |          |          |          |          |                 | ]   |          | 104        | Ţ        |   |              |  |                |                    |                   |          |
|                 | 5        | 1           | 1        | 1         | _        | L  | <u> </u>     |  |            |          | ļ          |  | 55       |   |          |          |          |          |          |          |          | L               |     |          | 105        |          |   |              |  |                |                    |                   |          |
|                 | 6        | 1           | 1        | 7         | <u> </u> | _  |              |  | ᆫ          | _        |            |  | 56       | L   |          |          |          |          | _        |          |          | _               |     |          | 106        |          |   |              | <u> </u>   |                | Ш                  | Ш                 |          |
| <u></u>         | 7        | 1           | 1        | 1         | <u> </u> | ┡  | _            |  | ļ          |          | 1          |  | 57       | _   |          | _        |          |          | _        |          |          |                 |     | L        | 107        | _        | _   | ↓_           | ļ  | Ш              | Ш                  | $\dashv$          |          |
| <u> </u>        | 8        | 1           | 1        | 1         | _        | _  | _            | ┞  | <u> </u>   | _        | *          | <u> </u>                               | 58       | <b>!</b>  | Щ        |          |          | _        |          |          |          | <u> </u>        |     |          | 108        | _        | $\bot$  | $\perp$      | ┞  | _              | Ш                  | _                 |          |
| <u> </u>        | 9        | 1           | 1        | 1         | L        | $\vdash$   | -            | <b></b>  | ļ          | -        | ł          | <u> </u>                               | 59       |   |          |          |          |          |          |          |          |                 | ٠.  |          | 109        |          |   | 4            | _  | _              | -                  | $\dashv$          | _        |
|                 | 10       | 1           | 1        | 1         | <u> </u> | ┝  | ├-           | ⊢  | <u> </u>   | <u> </u> |            |  | 60       | <u> </u>  | Ь        |          | -        | -        | 4        | -        | _        | _               |     |          | 110        | -        | $\perp$   | 1            | ├  |                | $\vdash$           | $\dashv$          |          |
|                 | 11<br>12 | 1           | 1        | 1         | -        | 1  | $\vdash$     | ├  | <u> </u>   | $\vdash$ | 1          |  | 61<br>62 | <del>                                     </del>  | Н        | -        | $\vdash$ | -        | $\dashv$ |          | _        | -               |     | L        | 111        | -        | +   | +            |  | $\vdash$       | $\dashv$           | _                 | _        |
| $\vdash$        | 13       | 7           | 1        | 7         | -        | -  | ╁            | $\vdash$   |            |          | 1          | $\vdash$                               | 63       | <del> </del>  | Н        | $\vdash$ |          |          |          |          | _        | $\vdash$        |     |          | 112<br>113 | $\dashv$ | +   | +-           | ⊢  | $\vdash$       |                    |                   | _        |
| $\vdash$        | 14       | 7           | 1        | 1         | -        | ╁  | $\vdash$     | ├-   | $\vdash$   | $\vdash$ | 1          | <u> </u>                               | 64       | $\vdash$  | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | _        | $\vdash$        |     |          | 113        | +        | +   | +            | ┼  | Н              | $\dashv$           | $\dashv$          | _        |
| $\vdash$        | 15       | 7           | 1        | 1         | ┢        | $\vdash$   | $\vdash$     | $\vdash$   | -          | ┝        | 1          | $\vdash$                               | 65       | $\vdash$  | H        |          |          | $\dashv$ | $\dashv$ | $\dashv$ | _        | $\vdash$        | *   | $\vdash$ | 115        | $\dashv$ | - -   | +            | ├-   | $\vdash\vdash$ | $\dashv$           | $\dashv$          | _        |
|                 | 16       | 1           | 1        | Ť         | ┢        | ╁─   | $\vdash$     | -  | $\vdash$   | $\vdash$ | 100        | <del></del>                            | 66       |   | Н        |          | -        | $\dashv$ | $\dashv$ | $\dashv$ |          | Н               | ٠,  |          | 116        | +        | +   | +            | -  | Н              | $\dashv$           | $\dashv$          |          |
|                 | 17       | Ť           | V        | i         | H        | $\vdash$   | -            |  |            | -        | éa.        |  | 67       | -   | Н        |          |          | -        |          | $\dashv$ | _        |                 |     | _        | 117        | $\dashv$ | +   | ╁            | H  | H              | $\dashv$           | $\dashv$          | _        |
|                 | 18       | V           | 1        | 1         | -        | ╁╌   | ┢            |  | ┢═         | -        | 1          |  | 68       | $\vdash$  | Н        | _        |          | $\dashv$ | ┪        | ┪        | -        | Н               | ٠,  |          | 118        |          | ╁   | ╁            |  | Н              | $\dashv$           | +                 | $\neg$   |
|                 | 19       | 7           | 1        | 1         |          |  | <u> </u>     | Г  |            |          |            |  | 69       | 1   |          |          |          | ┪        | _        | $\dashv$ |          |                 |     |          | 119        | $\dashv$ | ╅   | +            | 十  | М              | $\dashv$           | 寸                 |          |
|                 | 20       |             | Ė        |           | ┪        |  | _            | <del>                                     </del> | Т          |          | d.         |  | 70       |   |          |          | $\neg$   | _        | _        | _        |          |                 |     |          | 120        | $\dashv$ | +   | $\top$       | 一  |                | $\dashv$           | ╅                 | _        |
|                 | 21       |             |          |           |          | Г  |              |  | T          |          | 1.         |  | 71       |   |          |          | $\neg$   | ヿ        | T        | ヿ        |          |                 |     |          | 121        | $\neg$   | $\top$  | 1-           | $I^-$  | П              | 一                  | 一                 | $\neg$   |
|                 | 22       |             |          |           |          |  |              |  |            |          | 1          |  | 72       |   |          |          | ヿ        | $\neg$   |          | $\neg$   | $\neg$   | П               |     |          | 122        | 7        | 1   | 1            | <del>                                     </del> |                | 寸                  | 寸                 | $\neg$   |
|                 | 23       |             |          |           |          |  |              |  |            |          | 1          |  | 73       |   |          |          |          | $\neg$   | 寸        | $\neg$   | $\neg$   | П               |     |          | 123        |          | 丁   |              | <u> </u>   |                |                    | ヿ                 |          |
|                 | 24       |             |          |           |          |  | ľ            |  |            |          | ]          |  | 74       |   |          |          |          |          |          |          |          |                 |     |          | 124        |          |   |              | Γ  |                | $\neg$             | $\neg$            |          |
|                 | 25       |             |          |           | L        |  |              |  |            |          | ]          |  | 75       |   |          |          |          | $\Box$   | $\Box$   |          |          |                 | 20  |          | 125        |          |   | Τ            |  |                |                    | $\Box$            |          |
|                 | 26       |             |          |           | L_       | L  |              | _  |            |          |            |  | 76       |   |          |          | _        |          |          |          |          | Ш               |     |          | 126        |          |   |              |  |                | $\Box$             |                   |          |
|                 | 27       |             |          |           | <u> </u> | _  | L.           |  | _          |          |            |  | 77       | $ldsymbol{le}}}}}}$ | $\Box$   |          | _        | _        | _        |          | _        |                 |     |          | 127        |          | _ _   | <u> </u>     | _  | Ш              | $ \bot $           | _                 |          |
| <b></b>         | 28       |             | _        |           |          | <u> </u>   |              |  |            |          |            |  | 78       |   |          |          | _        | _        | _        |          | _        | Щ               |     |          | 128        |          | _   | ┺            | L.   |                | _                  | _                 |          |
| ļ               | 29       | _           | _        |           |          | <u> </u>   |              | <u> </u>   |            |          | ļ          | $\vdash$                               | 79       |   |          | _        | $\dashv$ | _        | _        | _        | _        | Щ               | 42  |          | 129        | 4        | $\bot$  | ╄            | <u> </u>   |                | $\dashv$           | 4                 |          |
| <u> </u>        | 30<br>31 |             | _        |           | -        | <u> </u>   | _            | <u> </u>   | Н          |          | <b> </b> - |  | 80       | $\vdash$  | -        |          | $\dashv$ | _        | _        |          |          | Щ               |     |          | 130        |          | +   | ↓_           | <u> </u>   |                | _                  | $\dashv$          | _        |
| $\vdash$        | 32       | _           | Н        |           |          | -  | -            |  | Н          |          | ŀ          | $\vdash$                               | 81<br>82 | H   | $\dashv$ | -        |          | -        | -        | 4        |          |                 |     |          | 131        |          | +-  | +            | ├  |                |                    | $\dashv$          |          |
|                 | 33       |             | $\vdash$ |           | -        |  | -            | $\vdash$   | $\vdash$   |          | ·          |  | 83       | Н   |          | -        |          | $\dashv$ | $\dashv$ | $\dashv$ |          | Ш               |     |          | 132<br>133 |          | +   | ╁            | ┢  | $\vdash$       | $\dashv$           | $\dashv$          | -        |
|                 | 34       |             |          |           |          | ⊢  | ⊢            |  | Н          | _        | 1          | Н                                      | 84       | -   |          |          | $\dashv$ | $\dashv$ |          |          | -        | $\dashv$        |     |          | 134        | +        | +   | ╁            | ├  | H              | -                  | $\dashv$          | -        |
| $\vdash$        | 35       | _           | $\vdash$ |           |          | $\vdash$   | -            | H  | Н          |          |            |  | 85       |   | $\dashv$ | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | . } |          | 135        | +        | +   | +-           | ├-   | $\vdash$       | $\dashv$           | $\dashv$          | $\dashv$ |
|                 | 36       |             |          |           |          | ╁  | $\vdash$     | Н  | Н          |          | i          | $\vdash$                               | 86       |   |          | -        | -        | $\dashv$ | ᅥ        | $\dashv$ | $\dashv$ | $\dashv$        | Ė   |          | 136        | $\dashv$ | ┿   | +            | $\vdash$   | $\dashv$       | $\dashv$           | $\dashv$          | $\dashv$ |
|                 | 37       |             |          |           | -        | <del>                                     </del> | $\vdash$     | Н  | Н          |          | i          |  | 87       |   |          |          | ┪        | 7        | +        | $\dashv$ | $\neg$   |                 |     |          | 137        | _        | +   | +-           |  |                | $\dashv$           | $\dashv$          | $\dashv$ |
| М               | 38       |             |          |           |          | <u> </u>   |              |  |            |          | 1          |  | 88       |   |          |          | $\neg$   | 1        | $\dashv$ | 寸        | ┪        |                 | 1   |          | 138        | 十        | +   | ╁            | <del>                                     </del> | $\dashv$       | $\dashv$           | 十                 | ᅱ        |
|                 | 39       |             |          |           |          |  | П            | П  |            | _        | ١          | H                                      | 89       | Н   | $\vdash$ | _        | $\dashv$ | $\dashv$ | $\dashv$ | _        | -        | $\vdash \vdash$ | ł   |          | 139        | +        | +   | †=           | Т  | $\vdash$       | $\dashv$           | $\dashv$          | $\dashv$ |
|                 | 40       |             |          | $\exists$ |          |  |              |  |            |          | 1          |  | 90       | М   | $\neg$   | $\neg$   | $\dashv$ | 一        | $\dashv$ | 7        | _        | $\dashv$        | Ì   |          | 140        | $\top$   | $\top$  | t            | <u> </u>   |                | $\dashv$           | $\dashv$          | $\dashv$ |
|                 | 41       |             |          |           |          |  |              |  |            |          |            |  | 91       | П   |          | $\neg$   | ヿ        | 寸        | $\dashv$ | 寸        |          |                 | ı   |          | 141        | $\neg$   | 1   | ✝            | Г  |                | _                  | $\dashv$          | $\dashv$ |
|                 | 42       |             |          |           |          |  |              |  |            |          | ] :        |  | 92       |   |          |          |          |          |          |          |          |                 | - 1 |          | 142        |          | 1   | 1            |  | $\Box$         | $\exists$          | 寸                 | ᅥ        |
|                 | 43       |             |          |           |          |  |              |  |            |          |            |  | 93       |   |          |          |          |          |          |          |          |                 | - [ |          | 143        |          | $oldsymbol{ol}}}}}}}}}}}}}} $ |              |  |                | ゴ                  | $\Box$            |          |
| igsqcut         | 44       |             |          |           |          | $oxedsymbol{oxed}$                               |              | $\bigsqcup$                                      |            |          |            |  | 94       |   |          | I        | $\Box$   |          | $\Box$   | $\Box$   | $\Box$   |                 | [   |          | 144        |          | $oxed{\Box}$  |              |  |                | $\Box$             | $\Box$            |          |
| $\sqcup$        | 45       |             |          | _         |          | Щ  | $oxed{oxed}$ | Щ  | Ш          |          |            |  | 95       | Ш   | Ш        |          |          |          | _[       | _[       |          |                 | [   | ]        | 145        |          | $\perp$   |              |  |                | $oldsymbol{\bot}$  | $oldsymbol{\bot}$ |          |
| <b> </b>        | 46       | _           |          | _         |          |  | Ш            | -  | Ш          |          |            |  | 96       |   |          | _        |          | _ļ       | _        |          | _        | $\square$       | Į   |          | 146        |          | 1   | <u> </u>     | L.   | Ц              | $oldsymbol{\perp}$ | _[                |          |
| <u> </u>        | 47       |             | _        | _         |          |  | $\vdash$     | $\vdash \dashv$                                  | Н          |          |            | $\vdash$                               | 97       | Ш   | 4        | 4        | _        | _        | -4       | _        | 4        | _               | ļ   |          | 147        | _ _      | 4   | <del> </del> | <u> </u>   | Щ              | _                  | $\dashv$          | _        |
|                 | 48       |             | $\vdash$ | _         |          | $\vdash$   | $\vdash$     | Н  | Н          |          |            |  | 98       | $\Box$  | $\dashv$ |          |          | $\dashv$ | 4        | 4        | _        | $\dashv$        | ļ   |          | 148        | +        | $\perp$   | 1            | ļ.,  | $\Box$         | _                  | $\dashv$          | _        |
| $\vdash \dashv$ | 49<br>50 |             |          | _         |          | $\vdash$   | Н            | Н  | $\vdash$   | _        |            | $\vdash$                               | 99       | $\vdash$  |          |          |          | $\dashv$ | +        | $\dashv$ |          | ᅴ               |     |          | 149        | +        | +   | ₩            | Щ  |                | $\dashv$           | $\dashv$          | _        |
| ᆫ               | ου       |             |          |           |          | L  | لــــا       |  |            |          |            | ــــــــــــــــــــــــــــــــــــــ | 100      |   |          |          |          |          | _ 1      | _ 1      |          |                 | L   |          | 150        |          | . L.  | 1            | L  |                | 1                  | [                 |          |